Assignment 1

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Note:

1. Your program should be well commented.

2. Use Visual Studio and any Linux to compile and run the program.

3. Your program should be modular.

1. Write a C program to print all natural numbers from 1 to n. - using while Loop

2. Write a C program to print all natural numbers in reverse (from n to 1). -Using while loop

3. Write a C program to print all alphabets from a to z. - using while loop

4. Write a C program to print all even numbers between 1 to 100. - usingWhile loop

5. Write a C program to print all odd number between 1 to 100.

6. Write a C program to find sum of all natural numbers between 1 to n.

7. Write a C program to find sum of all even numbers between 1 to n.

8. Write a C program to find sum of all odd numbers between 1 to n.

9. Write a C program to print multiplication table of any number.

10. Write a C program to count number of digits in a number.

11. Write a C program to find first and last digit of a number.

12. Write a C program to find sum of first and last digit of a number.

13. Write a C program to swap first and last digits of a number.

14. Write a C program to calculate sum of digits of a number.

15. Write a C program to calculate product of digits of a number.

16. Write a C program to enter a number and print its reverse.

17. Write a C program to check whether a number is palindrome or not.

18. Write a C program to find frequency of each digit in a given integer.

19. Write a C program to enter a number and print it in words.

20. Write a C program to print all ASCII character with their values.

21. Write a C program to find power of a number using for loop.

22. Write a C program to find all factors of a number.

23. Write a C program to calculate factorial of a number.

24. Write a C program to find HCF (GCD) of two numbers.

25. Write a C program to find LCM of two numbers.

26. Write a C program to check whether a number is Prime number or not.

27. Write a C program to print all Prime numbers between 1 to n.

28. Write a C program to find sum of all prime numbers between 1 to n.

29. Write a C program to find all prime factors of a number.

30. Write a C program to check whether a number is Armstrong number or

Not.

31. Write a C program to print all Armstrong numbers between 1 to n.

32. Write a C program to check whether a number is Perfect number or

Not.

33. Write a C program to print all Perfect numbers between 1 to n.

34. Write a C program to check whether a number is Strong number or not.

35. Write a C program to print all Strong numbers between 1 to n.

36. Write a C program to print Fibonacci series up to n terms.